# **Marine Invasive Species**

**Natural Resource Program Center** 



# **Boccardiella ligerica**

# **Spionid worm**

## Threat scores

- 1. Ecological impact
  - Can attain high densities in non-native ecosystems and become dominant members of the benthic infauna
- 2. Geographic extent
  - Locally patchy

### Geography and Habitat

- 1. Native: Europe
- 2. Introduced: California, Atlantic Coast from Virginia to Gulf of Mexico
- 3. Habitats
  - Marine, estuaries, bays, brackish water, intertidal zones, wetlands, coastal marshlands

#### **Invasion Pathways**

- 1. Ballast water and sediments
- 2. Stocking in open water

#### Non-Native Locations

- 1. 41- Virginian
- 2. 42- Carolinian
- 3. 43- N. Gulf of Mexico
- 4. 58- Northern California
- 5. 59- Southern California Bight
- 6. 70- Floridian

#### Sources

- 1. Molnar, Jennifer, et al. 2008. "Assessing the global threat of invasive species to marine biodiversity." *Frontiers in Ecology and the Environment*. 6 (9), pp. 485-492.
- 2. http://conserveonline.org/workspaces/global.invasive.assessment
- 3. http://nas.er.usgs.gov/queries/FactSheet.aspx?speciesID=1181